

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Previously Presented) An integrator system to assist in providing a selected product from a farm house having a structure substantially enclosing an area and substantially covering the area, comprising:

an integrator processor positioned a distance from the farm house, said integrator processor operable to determine an optimal quality and yield of the selected product from the farm house; and

a monitor box positioned in the farm house to monitor a selected criterion at the farm house;

wherein said integrator processor receives data from said monitor box regarding said selected criterion of the farm house;

wherein said integrator processor determines a substantially real time optimal condition for the farm house in consideration of the optimal quality and yield of the selected product from the farm house;

wherein said integrator processor produces a signal based upon a comparison of the received data from said monitor box and the substantially real time optimal condition for the farm house.

2. (Previously Presented) The integrator system of claim 1, further comprising:

a controller to affect the selected criterion;

wherein said integrator processor communicates said substantially real time optimal condition to said controller.

3. (Previously Presented) The integrator system of claim 2, wherein said signal based on a comparison of the received to data from said monitor box and a substantially real time operable condition for the farm house includes an instruction to said controller to change a condition of the farm house to obtain the selected criterion at the farm house.

4. (Original) The integrator system of claim 3, wherein said integrator processor is substantially controlled by a user substantially unassociated with directly controlling the farm house.

5. (Previously Presented) The integrator system of claim 1, wherein said selected criterion includes at least one of a temperature, a humidity, a feeding, a watering, a livestock weight, an air quality, an animal waste, a lighting, a feed inventory, a feed flow rate, and combinations thereof.

6. (Original) The integrator system of claim 5, further comprising:

a controller operable to control at least one of a ventilation system, a thermostat, a thermometer, an evaporative cooler, a feeder bin, a filler system, a brooder, a feeder, a breeder house, a fan, a fan shutter, a waterer, a light, a waste outlet, and combinations thereof to achieve the substantially real time optimal condition;

wherein said integrator processor is operable to instruct said controller to control at least one of said a temperature, a humidity, a feeding, a watering, a livestock weight, an air quality, an animal waste, a lighting, a feed inventory, a feed flow rate, and combinations thereof to achieve the substantially real time operable condition.

7. (Original) The integrator system of claim 1, wherein said integrator processor receives data from said monitor box on a substantially secure data link.

8. (Original) The integrator system of claim 7, wherein said data link is selected from at least one of a direct hardline connection, modem connection, a wireless connection, and combinations thereof.

9. (Previously Presented) The integrator system of claim 1, further comprising:

a farm house computer able to control the selected criterion at the farm house;

wherein said integrator processor communicates over a selected data link with said farm house computer to control the selected criteria from the integrator processor.

10. (Previously Presented) The integrator system of claim 1, wherein a monitor box includes a plurality of monitor boxes each positioned at a different farm house to monitor a selected criterion at each of the plurality of farm houses.

11. (Previously Presented) The integrator system of claim 10, wherein said integrator processor compares the selected criterion monitored by each of the plurality of the monitor boxes relative to a result criterion to determine an optimal control criterion to achieve a selected result criterion and the optimal quality and yield of the selected product from each of the plurality of farm houses.

12. (Original) The integrator system of claim 11, wherein at least a sub-plurality of the plurality of monitor boxes to positions at the farm houses are at different farms.

13. (Previously Presented) The integrator system of claim 1, further comprising:

a controller to control the farm house regarding said selected criteria;

wherein said monitor box and said controller are substantially a single unit wherein the monitor box is able to monitor the selected criterion and the controller is able to control the selected criterion based on the information monitored by the monitor box.

14. (Previously Presented) The integrator system of claim 1, further comprising:

a controller able to control the farm house to achieve the substantially real time optimal conditions;

wherein said monitor box substantially only monitors the selected criterion and is a separate device.

15. (Previously Presented) A method of monitoring and controlling a farm house for production of a selected item, comprising:

selecting a farm house owned by a first party;

selecting a parameter, by a second party, of the farm house to monitor;

determining, by the second party, an optimal quality and yield of the selected item from the farm house;

selecting, by the second party, a parameter tolerance in consideration of the optimal quality and yield of the selected item from the farm house;

monitoring said selected parameter;

comparing the monitored parameter to the selected parameter tolerance;

and

sending instructions from the second party to the first party to perform a selected action based on the comparison of the monitored parameter to the selected parameter tolerance.

16. (Original) The method of claim 15, wherein selecting a farm house includes selecting a farm house producing a selected livestock.

17. (Original) The method of claim 15, wherein selecting a parameter includes selecting at least one of a feed amount, a water amount, a humidity, a temperature, a ventilation, a humidity, an animal waste, a feed flow, and combinations thereof.

18. (Original) The method of claim 17, further comprising:

comparing at least one of the selected parameters to at least one of a selected result parameter, selected from a group including: livestock weight, livestock size, livestock health, livestock achievement, and combinations thereof;

wherein the comparison of the selected parameter and the selected result parameter is used by said second party when sending the instructions.

19. (Previously Presented) The method of claim 15, further comprising:

selecting a second farm house;

selecting a second parameter, by said second party, of the second farm house to monitor;

monitoring said selected said parameter in said selected second farm house;

comparing the monitored first parameter and the monitored second parameter to determine a best parameter of the first parameter and the second parameter,

wherein determining the optimal quality and yield of the selected item from the farm house includes consideration of the best parameter.

20. (Original) The method of claim 19, wherein the best parameter is determined as a parameter that achieves a result parameter within a selected tolerance.

21. (Original) The method of claim 19, wherein determining the best parameter is substantially real time;

wherein the sent instructions from the second party to the first party includes sending the best parameter to control the farm house.

22. (Original) The method of claim 15, further comprising:

said second party sending an instruction to a third party to perform a selected action at the selected farm house to achieve the monitored parameter within the selected parameter tolerance.

23. (Original) The method of claim 22, wherein said third party includes at least one of a party selected from a group including a feed mill, a serviceman, a livestock transfer, and combinations thereof.

24. (Previously Presented) A method of producing a selected outcome from a farm house, comprising:

selecting a first farm house at a first position;

monitoring a first control parameter within the selected first farm house;

monitoring a first result parameter of a first product produced in the first selected farm house;

selecting a second farm house at a second position;

monitoring a second control parameter within the selected second farm house;

monitoring a second result parameter of a second product produced in the second selected farm house; and

a processor comparing at least two of the monitored first control parameter within the selected first farm house, the monitored first result parameter of the first product produced in the first selected farm house, the monitored second control parameter within the selected second farm house, and the monitored second result parameter of the second product produced in the second selected farm house.

25. (Original) The method of claim 24, wherein said processor comparing is substantial continuous at a selected rate.

26. (Original) The method of claim 25, wherein said rate is substantially real time such that said processor compares at least two of the monitored first parameter within the selected first farm house, the selected first parameter of the first product produced in the first selected farm house, the monitored second parameter within the selected second farm house, and the monitored second parameter of the second product produced in this second selected farm house in a substantially real time manner.

27. (Original) The method of claim 24, further comprising:
positioning a first controller in the first farm house;
positioning a second controller in the second farm house;
controlling the first controller and the second controller to control at least one of the first monitored controlled parameter and the second monitored controlled parameter to achieve the better of the monitored first result parameter and the monitored second result parameter.

28. (Original) The method of claim 27, wherein the better of the monitored first result parameter and the monitored second result parameter includes comparing monitored first result parameter and the monitored second result parameter to a selected standard result parameter and achieving the least difference.

29. (Original) The method of claim 24, further comprising:

forming a Internet based webpage operable to display at least one of the monitored first control parameter, the monitored first result parameter, the monitored second control parameter, and the monitored second results parameter;

accessing the webpage to obtain an instruction.

30. (Original) The method of claim 29, wherein the instruction includes an instruction to control at least one of the selected first farm house and the selected second farm house to achieve at least one of the monitored first control parameter and the monitored second control parameter within a tolerance of a selected standard control parameter.

31. (Original) The method of claim 24, further comprising communicating a data set from at least one of a first monitor box monitoring the first control parameter and a second monitor box monitoring the second control parameter to said processor over a data link.

32. (Original) The method of claim 31, wherein said data link is selected from at least one of a direct connection, a modem connection, a network connection, and a wireless connection.

33. (Original) The method of claim 31, wherein said data link is a secured data link.

34. (Original) The method of claim 24, further comprising:
producing a signal based upon the comparison of said processor; and
transmitting the signal to at least one of a serviceman, a grower, an executive, a feed mill, a processing plant, a livestock harvester, and combinations thereof.

35. (Original) The method of claim 24, wherein said processor is further able to compare at least one of the monitored first control parameter, the monitored first result parameter, the monitored second control parameter, and the monitored second result parameter to at least one of a selected standard result parameter and standard control parameter.

36. (Original) The method of claim 35, further comprising:
producing an alert when said comparison to the at least one of the standard control parameter and result parameter are outside of a selected range.

37. (Original) The method of claim 36, wherein said alert includes an audible signal, an electronic message, a phone contact, a web page alert and combinations thereof.

38. (Canceled)

39. (Previously Presented) The integrator system of claim 1, wherein said integrator processor receives data from said monitor box via a wireless data transmission.

40. (Previously Presented) The integrator system of claim 39, wherein the wireless data transmission is operable to be continuous from said monitor box to said integrator processor positioned a distance from the farm house.

41. (Previously Presented) The integrator system of claim 39, further comprising:

a controller able to control the farm house to achieve the substantially real time optimal conditions based at least in part on substantially real time data from said monitor box sent to said integrator processor.

42. (Previously Presented) The method of claim 15, wherein sending instructions from the second party to the first party to perform a selected action includes sending instructions substantially wirelessly.

43. (Previously Presented) The method of claim 31, further comprising:
communicating a data set from at least one of a first monitor box monitoring the first control parameter or a second monitor box monitoring the second control parameter to said processor over a wireless data link;
wherein communicating includes collecting data regarding at least one of the first control parameter or the second control parameter and sending it via said wireless data link at a selected time.

44. (Previously Presented) The method of Claim 43, further comprising:
accessing the data with a website.

45. (Previously Presented) The method of claim 31, wherein communicating includes transmitting the data set regarding changes from a previous data set.

46. (Currently Amended) A method of monitoring and/or controlling a farm house by an integrator, comprising:

positioning the integrator separate from the farmhouse;

providing a farm house substantially enclosing a volume;

determining a condition to achieve an optimal quality and yield of a product from the farm house with the integrator;

monitoring a parameter related to the product at the farm house;

forming a datum of the monitored parameter;

transmitting the datum wirelessly periodically to the integrator;

accessing the datum;

comparing the datum with the optimal quality and yield of the product from the farm house; and

forming a data set of the monitored parameter.

47-48. (Cancelled)

49. (Previously Presented) An integrator system to assist in providing a selected product from a farm house having a structure substantially enclosing an area and substantially covering the area, comprising:

an integrator processor positioned a distance from the farm house, said integrator processor determining an optimal quality and yield of the selected product from within the farm house; and

a monitor positioned in the farm house to monitor a selected criterion at the farm house;

wherein said integrator processor receives data at least in part through a wireless transmission from said monitor regarding said selected criterion of the farm house, the data being received by said integrator processor at least one of periodically or continuously; and

wherein said integrator processor compares the received data from the monitor and the optimal quality and yield of the selected product from the farm house.

50. (Previously Presented) The integrator system of Claim 49, further comprising:

a cellular system;

wherein the data is transmitted at least in part via the cellular system.

51. (Cancelled)

52. (Previously Presented) The integrator system of claim 1, wherein the optimal quality and yield of the selected product from the farm house includes at least one a livestock weight, a livestock size, a livestock health, and combinations thereof.

53. (Previously Presented) The method of claim 15, wherein determining the optimal quality and yield of the selected item from the farm house includes determining at least one of a livestock weight, a livestock size, a livestock health, and combinations thereof.

54. (Previously Presented) The method of claim 34, wherein the first farm house includes a first structure substantially enclosing a first area and substantially covering the first area, the second farm house includes a second structure substantially enclosing a second area and substantially covering the second area, and an integrator controls said processor comparing, the integrator being at a third position a distance away from each of the first and second positions,

the method further comprising:

determining an optimal quality and yield of the product from each of the first and second farm houses by the integrator, the optimal quality and yield of the product from each of the first and second farm houses including at least one a livestock weight, a livestock size, a livestock health, and combinations thereof;

positioning a first controller in the first farm house;

positioning a second controller in the second farm house; and

controlling, by the integrator, the first controller and the second controller based on the comparison of the first and second result parameters and the determination of the optimal quality and yield of the product from each of the first and second farm houses.

55. (New) The method of claim 46, wherein the monitoring a parameter includes monitoring at least one of a temperature, a humidity, a wind speed, weight, air quality, CO₂ concentration, nitrogen concentration; waste from the farm house, feeding, watering, ventilation, lighting, a static pressure, a feed consumption, a water usage, a heater run time, or combinations thereof.